

Applicant : Kodama et al.
Serial No. : Unassigned
Filed : Herewith
Page : 11 of 11

Attorney's Docket No.: 14875-137US1 / C1-A0210Y1P-US

REMARKS

The amendments to the specification clarify the translated text, correct errors, and, identify abbreviations and trademark information in the original Japanese specification, all of which are apparent when read in the context of the entire specification. The amendments also correct the title and insert into the specification a paper copy of the sequence listing in which the general information has been updated to reflect accurate information for the instant application. In addition Fig. 1 is amended to move the line denoting the EcoR1 restriction enzyme recognition site from after the "t" to after a "c."

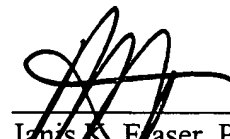
Claims 1-20 are pending. Claim 10 is amended to remove multiple dependency. New claim 20 is based on original claim 10. Applicants ask that all claims be examined in view of the amendment to the claims. No new matter has been introduced by these amendments.

Please apply any other charges to deposit account 06-1050, referencing Attorney-Docket No. 14875-137US1.

Respectfully submitted,

Date:

December 3, 2004

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Page : 10 of 11

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Amendments to the Drawings:

The attached replacement sheet of drawings includes changes to Fig. 1 and replaces the original sheet including Fig. 1.

In Figure 1, the line denoting the EcoR1 restriction enzyme recognition site has been moved from after the "t" to after a "c."

Attachments following last page of this Amendment:

Replacement Sheet (1 page)
Annotated Sheet Showing Change (1 page)

| | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|-----|-----|-----|---|
| | | | | | | | | | | | | | | | EcoRI-KOZAK | | | | 0 |
| | | | | | | | | | | | | | | | g | aat | tcc | acc | |
| | | | | | | | | | | | | | | | Asn | Ser | Thr | | |
| → SEQ ID NO: 3 | | | | | | | | | | | | | | | | | | | |
| atg | gta | agc | gct | att | gtt | tta | tat | gtg | ctt | tig | gcg | gcg | gcg | gcg | cat | 48 | | | |
| Met | Val | Ser | Ala | Ile | Val | Leu | Tyr | Val | Leu | Leu | Ala | Ala | Ala | Ala | His | | | | |
| → SEQ ID NO: 4 | | | | | | | | | | | | | | | | | | | |
| 64F1/ SEQ ID NO: 1 | | | | | | | | | | | | | | | | | | | |
| tct | gcc | ttt | gcg | gcg | gag | cac | tgc | aac | gcg | caa | atg | aag | acg | ggt | ccg | 96 | | | |
| Ser | Ala | Phe | Ala | Ala | Glu | His | Cys | Asn | Ala | Gln | Met | Lys | Thr | Gly | Pro | | | | |
| tac | aag | att | aaa | aac | ttg | gac | att | acc | ccg | ccc | aag | gaa | acg | ctg | caa | 144 | | | |
| Tyr | Lys | Ile | Lys | Asn | Leu | Asp | Ile | Thr | Pro | Pro | Lys | Glu | Thr | Leu | Gln | | | | |
| aag | gac | gtg | gaa | atc | acc | atc | gtg | gag | acg | gac | tac | aac | gaa | aac | gtg | 192 | | | |
| Lys | Asp | Val | Glu | Ile | Thr | Ile | Val | Glu | Thr | Asp | Tyr | Asn | Glu | Asn | Val | | | | |
| att | atc | ggc | tac | aag | ggg | tac | tac | cag | gcg | tat | gcg | tac | aac | ggc | ggc | 240 | | | |
| Ile | Ile | Gly | Tyr | Lys | Gly | Tyr | Tyr | Gln | Ala | Tyr | Ala | Tyr | Asn | Gly | Gly | | | | |
| tcg | ctg | gat | ccc | aac | aca | cg | gtc | gaa | gaa | acc | atg | aaa | acg | ctg | aat | 288 | | | |
| Ser | Leu | Asp | Pro | Asn | Thr | Arg | Val | Glu | Glu | Thr | Met | Lys | Thr | Leu | Asn | | | | |
| gtg | ggc | aaa | gag | gat | ttg | ctt | atg | tgg | agc | atc | agg | cag | cag | tgc | gag | 336 | | | |
| Val | Gly | Lys | Glu | Asp | Leu | Leu | Met | Trp | Ser | Ile | Arg | Gln | Gln | Cys | Glu | | | | |
| gtg | ggc | gaa | gag | ctg | atc | gac | cgt | tgg | ggc | agt | gac | agc | gac | gac | tgt | 384 | | | |
| Val | Gly | Glu | Glu | Leu | Ile | Asp | Arg | Trp | Gly | Ser | Asp | Ser | Asp | Asp | Cys | | | | |
| ttt | cg | gac | aac | gag | ggc | cg | ggc | cag | tgg | gtc | aaa | ggc | aaa | gag | ttg | 432 | | | |
| Phe | Arg | Asp | Asn | Glu | Gly | Arg | Gly | Gln | Trp | Val | Lys | Gly | Lys | Glu | Leu | | | | |
| gtg | aag | cgg | cag | aat | aac | aat | cac | ttt | gcg | cac | cac | acg | tgc | aac | aaa | 480 | | | |
| Val | Lys | Arg | Gln | Asn | Asn | Asn | His | Phe | Ala | His | His | Thr | Cys | Asn | Lys | | | | |
| tcg | tgg | cga | tgc | ggc | att | tcc | act | tcg | aaa | atg | tac | agc | agg | ctc | gag | 528 | | | |
| Ser | Trp | Arg | Cys | Gly | Ile | Ser | Thr | Ser | Lys | Met | Tyr | Ser | Arg | Leu | Glu | | | | |
| tgc | cag | gac | gac | acg | gac | gag | tgc | cag | gta | tac | att | tig | gac | gct | gag | 576 | | | |
| Cys | Gln | Asp | Asp | Thr | Asp | Glu | Cys | Gln | Val | Tyr | Ile | Leu | Asp | Ala | Glu | | | | |
| ggc | aac | ccc | atc | aac | gtg | acc | gtg | gac | act | gtg | ctt | cat | cga | gac | ggc | 624 | | | |
| Gly | Asn | Pro | Ile | Asn | Val | Thr | Val | Asp | Thr | Val | Leu | His | Arg | Asp | Gly | | | | |
| gtg | agt | atg | att | ctc | aaa | caa | aag | tct | acg | ttc | acc | acg | cg | caa | ata | 672 | | | |
| Val | Ser | Met | Ile | Leu | Lys | Gln | Lys | Ser | Thr | Phe | Thr | Thr | Arg | Gln | Ile | | | | |
| aaa | gct | gcg | tgt | ctg | ctc | att | aaa | gat | gac | aaa | aat | aac | ccc | gag | tcg | 720 | | | |
| Lys | Ala | Ala | Cys | Leu | Leu | Ile | Lys | Asp | Asp | Lys | Asn | Asn | Pro | Glu | Ser | | | | |
| gtg | aca | cg | gaa | cac | tgt | ttg | att | gac | aat | gat | ata | tat | gat | ctt | tct | 768 | | | |
| Val | Thr | Arg | Glu | His | Cys | Leu | Ile | Asp | Asn | Asp | Ile | Tyr | Asp | Leu | Ser | | | | |
| aaa | aac | acg | tgg | aac | tgc | aag | ttt | aac | aga | tgc | att | aaa | cg | aaa | gtc | 816 | | | |
| Lys | Asn | Thr | Trp | Asn | Cys | Lys | Phe | Asn | Arg | Cys | Ile | Lys | Arg | Lys | Val | | | | |

FIG. 1